

Abstract of the Disclosure

In a non-contact type rotation-angle sensing device, a rotation angle sensor (9) having magnetoresistance elements detects a rotation angle of an object to be measured. The object is rotatable
5 round a rotary shaft (2) with respect to the rotation angle sensor (9) and includes a permanent magnet (5, 6). The permanent magnet (5, 6) is disposed symmetrically about said rotary shaft (2) of said object, and a magnetic element (7, 8) is disposed on said object between said permanent magnet (5, 6) and the magnetoresistance
10 elements. In the non-contact type rotation-angle sensing device of above constitution according to the invention, linearity is secured by reducing magnetic hysteresis of the sensor output with respect to the rotation angle, thus a small-sized permanent magnet and reduction in cost being achieved.

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